

# PATENT FILES

File 344:Chinese Patents Abs Jan 1985-2006/Jan  
 (c) 2006 European Patent Office  
 File 347:JAPIO Dec 1976-2007/Dec(Updated 080328)  
 (c) 2008 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2008/UD=200826  
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 File 324:GERMAN PATENTS FULLTEXT 1967-200816  
 (c) 2008 UNIVENTIO/THOMSON  
 File 348:EUROPEAN PATENTS 1978-2007/ 200817  
 (c) 2008 European Patent Office  
 File 349:PCT FULLTEXT 1979-2008/UB=20080228UT=20080221  
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Set	Items	Description
S1	25437	(AGRICULTUR? OR AGRONOMIC)(3N)(SYSTEM OR SYSTEMS OR PRODUCT OR PRODUCTS OR PRODUCTION)
S2	23716	FOOD(5N)PRODUCTION
S3	144422	CROP OR CROPS OR CROPPING OR LIVESTOCK?
S4	61475	FARM OR FARMS OR FARMING
S5	490	(S1:S4)(5N)(DB OR DATABASE? OR DATAFILE? OR DATA()(FILE?? - OR BASE??))
S6	7472	(COMPLIANC? OR COMPLIANT?)(5N)(REQUIREMENT OR REQUIREMENTS OR RULE OR RULES OR REGULATION OR REGULATIONS)
S7	219	S6(5N)(COMPARI? OR COMPARE? OR EVALUAT? OR ASSESS?)
S8	649	S6(5N)(VERIF? OR MEETS OR MEETING OR IDENTIF? OR DETERMIN?)
S9	41102	(GENERAT? OR CREAT?)(5N)(REPORT OR REPORTS OR CHART OR CHARTS OR GRAPH OR GRAPHS)
S10	405	AU=(DLOTT, J? OR DLOTT J? OR ROSENBERG, H? OR ROSENBERG H? OR OHMART, C? OR OHMART, C? OR CONNOLLY, R? OR CONNOLLY R? OR JEFFREY(2N)DLOTT OR HARRY(2N)ROSENBERG OR CLIFFORD(2N)OHMART - OR REBECCA(2N)CONNOLLY)
S11	6	S5 AND (S7 OR S8)
S12	6	S11 AND S9
S13	3	S10 AND S1
	?	

11/3,K/1 (Item 1 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2008 WIPO/Thomson. All rts. reserv.

01560777 \*\*Image available\*\*  
 GAME REMOVAL WITH GAME HISTORY  
 SUPPRESSION DE JEU AVEC HISTORIQUE DE JEU

Patent Applicant/Assignee:

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 US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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LEMAY Steven G, 5398 South Elk River Road, Reno, Nevada 89511, US, US  
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COCKERILLE Warner R, 414 Abbay Way, Sparks, Nevada 89431, US, US  
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Legal Representative:

WEAVER Jeffrey K et al (agent), BEYER WEAVER LLP, P. O. Box 70250,  
Oakland, California 94612-0250, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 2007103069 A2-A3 20070913 (WO 07103069)  
Application: WO 2007US5132 20070301 (PCT/WO US2007005132)  
Priority Application: US 2006367497 20060303

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN  
KP KR KZ LA LC LK LR LS LT LU LY MA MD MG MK MN MW MX MY MZ NA NG NI NO  
NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ  
UA UG US UZ VC VN ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC MT  
NL PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13833

Fulltext Availability:

Detailed Description

Detailed Description

... the necessary software into the gaming machine allows a gaming machine  
to access scalable server farms and databases to select a set of  
games it needs from the game library. A desire of...compliance to any  
gaming rules passed by a gaming jurisdiction when the information needed  
to determine rule compliance is remotely accessible to the server.

Game software, firmware or hardware residing a particular gaming...

11/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2008 WIPO/Thomson. All rts. reserv.

01559348 \*\*Image available\*\*

NON-VOLATILE MEMORY MANAGEMENT TECHNIQUE IMPLEMENTED IN A GAMING  
MACHINE  
TECHNIQUE DE GESTION DE MEMOIRE REMANENTE MISE EN OEUVRE DANS UNE  
MACHINE  
DE JEUX

Patent Applicant/Assignee:

IGT, 9295 Prototype Drive, Reno, Nevada 89521-8986, US, US (Residence),  
US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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94612-0250, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 2007103170 A2-A3 20070913 (WO 07103170)

Application: WO 2007US5337 20070301 (PCT/WO US2007005337)

Priority Application: US 2006367525 20060303

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN  
KP KR KZ LA LC LK LR LS LT LU LY MA MD MG MK MN MW MX MY MZ NA NG NI NO  
NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ  
UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC MT  
NL PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 27682

Fulltext Availability:

Detailed Description

Detailed Description

... the necessary software into the gaming machine allows a gaming machine  
to access scalable server farms and databases to select a set of  
games it needs from the game library. A desire of...compliance to any  
gaming rules passed by a gaming jurisdiction when the information needed  
to determine rule compliance is remotely accessible to the server.

Game software, firmware or hardware residing a particular gaming...

11/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2008 WIPO/Thomson. All rts. reserv.

01531620 \*\*Image available\*\*

METHOD AND APPARATUS FOR REGISTERING A MOBILE DEVICE WITH A GAMING  
MACHINE

PROCEDE ET APPAREIL D'ENREGISTREMENT DE DISPOSITIF MOBILE AVEC

APPAREIL DE

JEU DE HASARD

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200775380 A2-A3 20070705 (WO 0775380)  
Application: WO 2006US47839 20061213 (PCT/WO US2006047839)  
Priority Application: US 2005313223 20051219; US 2006515244 20060831

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN  
KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI  
NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT  
TZ UA UG US UZ VC VN ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 29323

Fulltext Availability:

Detailed Description

Detailed Description

... into the gaming machine. Software download also allows a gaming  
machine to access scalable server farms and databases to select a set  
of games it needs from the game library. A desire of...confirm compliance  
to any gaming rules passed by a gamingjurisdiction when the information  
needed to determine rule compliance is remotely accessible to the  
server.

Game software, firmware or hardware residing on a particular...

11/3,K/4 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2008 WIPO/Thomson. All rts. reserv.

01489845 \*\*Image available\*\*

GAMING MACHINE UPDATE AND MASS STORAGE MANAGEMENT  
MISE A JOUR D'APPAREILS DE JEU ET GESTION DE MEMOIRES DE GRANDE CAPACITE  
Patent Applicant/Assignee:

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(Nationality), (For all designated states except: US)  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200732943 A1 20070322 (WO 0732943)  
Application: WO 2006US34363 20060831 (PCT/WO US2006034363)  
Priority Application: US 2005223755 20050909

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HN HR HU ID IL IN IS JP KE KG KM KN KP  
KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI NO  
NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ  
UA UG US UZ VC VN ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25524

Fulltext Availability:

Detailed Description

Detailed Description

... into the gaming machine. Software download also allows a gaming  
machine to access scalable server farms and databases to select a set  
of games it needs from the game library. A desire of...compliance to any  
gaming rules passed by a gaming jurisdiction when the information needed  
to determine rule compliance is remotely accessible to the server.

Game software, firmware or hardware residing a particular gaming...

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01416000 \*\*Image available\*\*

SECURED VIRTUAL NETWORK IN A GAMING ENVIRONMENT  
RESEAU VIRTUEL SECURISE DANS UN ENVIRONNEMENT DE JEU

Patent Applicant/Assignee:

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Legal Representative:

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70250, Oakland, CA 94612-0250, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200699234 A1 20060921 (WO 0699234)

Application: WO 2006US8785 20060309 (PCT/WO US2006008785)

Priority Application: US 200578966 20050310

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR  
KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 42758

Fulltext Availability:

Detailed Description

Detailed Description

... to FIGs. 8-15. Software download also allows a gaming machine to  
access scalable server farms and databases to select a set of games  
it needs from the game library. A desire of...compliance to any gaming  
rules passed by a gaming jurisdiction when the information needed to  
determine rule compliance is remotely accessible to the server.

Game software, firmware or hardware residing a particular gaming...

11/3,K/6 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00903285 \*\*Image available\*\*

A METHOD AND SYSTEM TO CAPTURE DATA PERTAINING TO AN AGRICULTURAL PRODUCT,

TO RECORD A CHAIN OF CUSTODY FOR AN AGRICULTURAL PRODUCT, AUTOMATICALLY

TO CERTIFY AN AGRICULTURAL PRODUCT, AND TO COMMUNICATE AGRICULTURAL

PRODUCT INFORMATION TO A CONSUMER

PROCEDE ET SYSTEME PERMETTANT DE CAPTURER DES DONNEES RELATIVES A UN

PRODUIT AGRICOLE, D'ENREGISTRER UNE CHAINE DE TRACABILITE DESTINEE A UN

PRODUIT AGRICOLE, DE CERTIFIER AUTOMATIQUEMENT UN PRODUIT AGRICOLE ET DE COMMUNIQUER DES INFORMATIONS RELATIVES A UN PRODUIT AGRICOLE A UN

CONSOMMATEUR

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200237375 A1 20020510 (WO 0237375)

Application: WO 2001US42577 20011008 (PCT/WO US0142577)

Priority Application: US 2000705098 20001102; US 2000705372 20001102; US

2000705373 20001102; US 2000705393 20001102

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19923

Fulltext Availability:

Detailed Description

Claims

#### Detailed Description

... agricultural product is received at a management information system.  
The agricultural product data is automatically compared against compliance requirements stored by the management information system. A compliance result is automatically generated based on the...

...block diagram illustrating an exemplary collection of data records that may be maintained within a database in an agricultural management information system.

Figure 13 is a block diagram illustrating further architectural details of an agricultural management information...

...embodiment of the present invention, of automatically generating a compliance result based on the automated comparison of agricultural product data against compliance requirements in the form of certification requirements.

Figure 15 is a flow chart illustrating a method...illustrating an exemplary collection 400 of data records 102 that may be maintained within the database 103 of the agricultural management information system 50. Figure 12 also illustrates that the collection 400 of records 102 may be indexed...embodiment of the present invention,, of automatically generating a compliance result based on the automated comparison of agricultural product data against compliance requirements in the form of certification requirements. While the method 500 is described below as generating...

...of a certification record (or regulatory compliance record or accreditation compliance record) by performing a comparison of compliance requirements against the captured agricultural product data.

As described above, the compliance requirements for a specific...specific UPC 402 and lot code 404 within the collection 400 being maintained within the database 103 of the agricultural management information system 50.

At block 528, having identified the appropriate records 102, the agricultural management information system...

...nonetheless be appreciated that the information embodied in the records 102, as stored by the database of the agricultural management information system 50, is also very useful to a farmer (or producer, processor, etc.) for the purposes...

#### Claim

... receiving agricultural product data relating to an agricultural product at a management information system;  
automatically comparing the agricultural product data against compliance requirements stored by the management information system; and  
automatically generating a compliance result based on the...A system automatically to certify an agricultural product, the system including:



a comparator automatically to compare agricultural product data against compliance requirements stored by the management information system; and  
a reporter automatically to generate a compliance result...

...receive agricultural product data relating to an agricultural product at a management information system;  
automatically compare the agricultural product data against compliance requirements stored by the management information system; and  
automatically generate a compliance result based on the...

...A system for automatically certifying an agricultural product, the system including:

first means for automatically comparing agricultural product data against compliance requirements stored by the management information system; and  
second means for automatically generating a compliance result...

?

12/3,K/1 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01560777 \*\*Image available\*\*

GAME REMOVAL WITH GAME HISTORY

SUPPRESSION DE JEU AVEC HISTORIQUE DE JEU

Patent Applicant/Assignee:

IGT, 9295 Prototype Drive, Reno, Nevada 89521-8986, US, US (Residence),  
US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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WOLF Bryan D, 9980 Rising Sun Court, Reno, Nevada 89506, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

WEAVER Jeffrey K et al (agent), BEYER WEAVER LLP, P. O. Box 70250,  
Oakland, California 94612-0250, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 2007103069 A2-A3 20070913 (WO 07103069)

Application: WO 2007US5132 20070301 (PCT/WO US2007005132)

Priority Application: US 2006367497 20060303

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN  
KP KR KZ LA LC LK LR LS LT LU LY MA MD MG MK MN MW MX MY MZ NA NG NI NO  
NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ

UA UG US UZ VC VN ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC MT  
NL PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13833

Fulltext Availability:

Detailed Description

#### Detailed Description

... the necessary software into the gaming machine allows a gaming machine to access scalable server farms and databases to select a set of games it needs from the game library. A desire of...compliance to any gaming rules passed by a gaming jurisdiction when the information needed to determine rule compliance is remotely accessible to the server.

Game software, firmware or hardware residing a particular gaming...

...software configuration obtained from the gaming device. After the comparison, the software-auditing server may generate a reconciliation report that confirms that the download transaction records are consistent with the current software configuration on...

12/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2008 WIPO/Thomson. All rts. reserv.

01559348 \*\*Image available\*\*

NON-VOLATILE MEMORY MANAGEMENT TECHNIQUE IMPLEMENTED IN A GAMING MACHINE

TECHNIQUE DE GESTION DE MEMOIRE REMANENTE MISE EN OEUVRE DANS UNE MACHINE  
DE JEUX

Patent Applicant/Assignee:

IGT, 9295 Prototype Drive, Reno, Nevada 89521-8986, US, US (Residence),  
US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 2007103170 A2-A3 20070913 (WO 07103170)

Application: WO 2007US5337 20070301 (PCT/WO US2007005337)

Priority Application: US 2006367525 20060303

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN  
KP KR KZ LA LC LK LR LS LT LU LY MA MD MG MK MN MW MX MY MZ NA NG NI NO  
NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ  
UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC MT  
NL PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 27682

Fulltext Availability:

Detailed Description

Detailed Description

... the necessary software into the gaming machine allows a gaming machine  
to access scalable server farms and databases to select a set of  
games it needs from the game library. A desire of...compliance to any  
gaming rules passed by a gaming jurisdiction when the information needed  
to determine rule compliance is remotely accessible to the server.

Game software, firmware or hardware residing a particular gaming...

...software configuration obtained from the gaming device. After the  
comparison, the software-auditing server may generate a reconciliation  
report that confirms that the download transaction records are  
consistent with the current software configuration on...

12/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01531620 \*\*Image available\*\*

METHOD AND APPARATUS FOR REGISTERING A MOBILE DEVICE WITH A GAMING  
MACHINE

PROCEDE ET APPAREIL D'ENREGISTREMENT DE DISPOSITIF MOBILE AVEC  
APPAREIL DE

JEU DE HASARD

Patent Applicant/Assignee:

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(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200775380 A2-A3 20070705 (WO 0775380)  
Application: WO 2006US47839 20061213 (PCT/WO US2006047839)  
Priority Application: US 2005313223 20051219; US 2006515244 20060831  
Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN  
KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI  
NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT  
TZ UA UG US UZ VC VN ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 29323

Fulltext Availability:

Detailed Description

Detailed Description

... into the gaming machine. Software download also allows a gaming  
machine to access scalable server farms and databases to select a set  
of games it needs from the game library. A desire of...confirm compliance  
to any gaming rules passed by a gamingjurisdiction when the information  
needed to determine rule compliance is remotely accessible to the  
server.

Game software, firmware or hardware residing on a particular...

...software configuration obtained from the gaming device. After the  
comparison, the software-auditing server may generate a reconciliation  
report that confirms that the download transaction records are  
consistent with the current software configuration on...

12/3,K/4 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2008 WIPO/Thomson. All rts. reserv.

01489845 \*\*Image available\*\*

GAMING MACHINE UPDATE AND MASS STORAGE MANAGEMENT  
MISE A JOUR D'APPAREILS DE JEU ET GESTION DE MEMOIRES DE GRANDE CAPACITE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200732943 A1 20070322 (WO 0732943)  
Application: WO 2006US34363 20060831 (PCT/WO US2006034363)  
Priority Application: US 2005223755 20050909

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HN HR HU ID IL IN IS JP KE KG KM KN KP  
KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI NO  
NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ  
UA UG US UZ VC VN ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25524

Fulltext Availability:

Detailed Description

Detailed Description

... into the gaming machine. Software download also allows a gaming  
machine to access scalable server farms and databases to select a set  
of games it needs from the game library. A desire of...compliance to any  
gaming rules passed by a gaming jurisdiction when the information needed  
to determine rule compliance is remotely accessible to the server.

Game software, firmware or hardware residing a particular gaming...

...software configuration obtained from the gaming device. After the  
comparison, the software-auditing server may generate a reconciliation  
report that confirms that the download transaction records are  
consistent with the current software configuration on...

12/3,K/5 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2008 WIPO/Thomson. All rts. reserv.

01416000 \*\*Image available\*\*

SECURED VIRTUAL NETWORK IN A GAMING ENVIRONMENT

RESEAU VIRTUEL SECURISE DANS UN ENVIRONNEMENT DE JEU

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200699234 A1 20060921 (WO 0699234)

Application: WO 2006US8785 20060309 (PCT/WO US2006008785)

Priority Application: US 200578966 20050310

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR  
KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL  
PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 42758

Fulltext Availability:

Detailed Description

Detailed Description

... line 132 using a frame relay network.

The database server 124 may be used to generate reports summarizing the performance of all the gaming machines within the gaming entity (e.g. casino...a performance report for the gaming machine over some prior time period. After remote server generates the report, it may be sent back to the gaming machine 336 or some other access point...

...described above is that it allows gaming services such as data acquisition, game licensing and report generation to be provided a single gaming machine without the use of a dedicated network which...

...public network. Returning to the example, the database server 100 may serve as a regional report server. After generating a gaming report reply message to the gaming report request message from gaming machine

340, the database server...

...a message to the database server 124 in the central office 142  
acknowledging that a report was generated.

The virtual network may also allow remote access to gaming information such as gaming performance...for other types of game service requests. For instance, a report request message with encrypted report request data may be generated in the manner described above and sent to a remote server via a local ISP...software authorization agent 50 may receive the request, query the gaming software transaction database and generate a report for the gaming software content provider. This type of report may also be generated for a casino operator with many game servers distributed over gaming properties. Advantages of the...to FIGs. 8-15. Software download also allows a gaming machine to access scalable server farms and databases to select a set of games it needs from the game library. A desire of...compliance to any gaming rules passed by a gaming jurisdiction when the information needed to determine rule compliance is remotely accessible to the server.

Game software, firmware or hardware residing a particular gaming...

...software configuration obtained from the gaming device. After the comparison, the software-auditing server may generate a reconciliation report that confirms that the download transaction records are consistent with the current software configuration on...

...corresponding record in its database. When the records do not agree, the license server may generate an error report.  
The software agent 1560 and the server 1552 may also exchange messages to determine whether...

...usage to the game-licensing server 1552 and the game-licensing server may collate and generate reports on overall game usage for devices communicating with the server 1552 (Central Usage Monitoring).

One...

12/3,K/6 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00903285 \*\*Image available\*\*

A METHOD AND SYSTEM TO CAPTURE DATA PERTAINING TO AN AGRICULTURAL PRODUCT,

TO RECORD A CHAIN OF CUSTODY FOR AN AGRICULTURAL PRODUCT,  
AUTOMATICALLY

TO CERTIFY AN AGRICULTURAL PRODUCT, AND TO COMMUNICATE  
AGRICULTURAL

PRODUCT INFORMATION TO A CONSUMER

PROCEDE ET SYSTEME PERMETTANT DE CAPTURER DES DONNEES RELATIVES A  
UN

PRODUIT AGRICOLE, D'ENREGISTRER UNE CHAINE DE TRACABILITE DESTINEE A  
UN

PRODUIT AGRICOLE, DE CERTIFIER AUTOMATIQUEMENT UN PRODUIT AGRICOLE

ET

DE COMMUNIQUER DES INFORMATIONS RELATIVES A UN PRODUIT AGRICOLE A  
UN

CONSUMMATEUR

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200237375 A1 20020510 (WO 0237375)

Application: WO 2001US42577 20011008 (PCT/WO US0142577)

Priority Application: US 2000705098 20001102; US 2000705372 20001102; US  
2000705373 20001102; US 2000705393 20001102

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19923

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... agricultural product is received at a management information system.

The agricultural product data is automatically compared against  
compliance requirements stored by the management information system. A  
compliance result is automatically generated based on the...

...block diagram illustrating an exemplary collection of data records that  
may be maintained within a database in an agricultural management  
information system .

Figure 13 is a block diagram illustrating further architectural details  
of an agricultural management information...



...embodiment of the present invention, of automatically generating a compliance result based on the automated comparison of agricultural product data against compliance requirements in the form of certification requirements.

Figure 15 is a flow chart illustrating a method...

...leafhoppers identified within a particular trap both seasonally and over a number of years, the reports being generated by the agricultural management information system.

7

Figure 17B illustrates an example of a weekly pest management monitoring report, as generated by the agricultural management information system.

Figure 17C illustrates an exemplary aggregate report that graphically...

...per year measured in acre/feet for a group of wine grape growers, the aggregate report being generated by the agricultural management information system.

Figure 17D illustrates an exemplary pesticide use report, as generated by the agricultural management information system.

#### DETAILED DESCRIPTION

A method and system to capture data...be communicated to the relevant certification or accreditation authority, that, at block 70, may optionally generate a certification or accreditation report.

At block 72, the agricultural management information system 50 may optionally perform a regulatory compliance...

...at block 58.

In a similar manner, at block 86, an agricultural manager 56 may generate a report request for a report pertaining to one or more agricultural products, this request being transmitted to the agricultural management...field 126. The contents of the GPS field 140 may also be utilized to enhance reports generated by the agricultural management information system 50, by providing a further level of detail regarding ...and memory system 278 operates to control the processor 230 and the memory 234.

A report generation system 280, in one embodiment, operates to generate a report or record from the data received from the data capture system 268, as well as...

...this end, a date and time system 282 provides date and time information to the report generation system 280. Further, the storage device 236, in one embodiment, stores identification information identifying a...

...300 commences at decision block 302, with the determination as to whether a record or report generated by the report /record generation system 280, and composed of the previously captured data pertaining to an agriculture product, is...illustrating an exemplary collection 400 of data records 102 that may be maintained within the database 103 of the agricultural management information system 50.

Figure 12 also illustrates that the collection 400 of records 102 may be indexed...

...408 for various authorities (e.g., regulatory, accreditation, certification). For example, a first set of reports 410 may be generated for an organic certification authority based on information contained in the records. A further set...

...412 may be generated for a non-profit watchdog organization, and yet another set of reports 414 generated for a regulatory authority (e.g., the EPA). Each of the reports 408 may furthermore...  
...one or more lot codes 404 and one or more UPCs 402 associated therewith. The generation of the exemplary reports 408 will be described in further detail below.

Architecture - Agricultural Management Information System 50  
32...

...information system 50 is shown to include a certification server 454 that is responsible for generating reports utilizing records, pertaining to an agricultural product, obtained from custodial locations constituting a chain of server 454 may report to a user 451. For example, the report 474 may be generated in real-time responsive to an inquiry from the user 451. Alternatively, the report 474 may be generated once sufficient agricultural product data has been collected from the various submitters, and the report...

...the record 102 and accessed at any time.

The certification server 454 also includes a report tool 475 that operates to generate custom reports (e.g., daily, seasonal or yearly pest management reports) based on the agricultural product data...  
...embodiment of the present invention, of automatically generating a compliance result based on the automated comparison of agricultural product data against compliance requirements in the form of certification requirements. While the method 500 is described below as generating...

...of a certification record (or regulatory compliance record or accreditation compliance record) by performing a comparison of compliance requirements against the captured agricultural product data.

As described above, the compliance requirements for a specific...

...specified in a guideline record 458. The creation of the certification record 510 may include generating a compliance report that provides metrics, derived from the agricultural data, against a number of factors specified by...specific UPC 402 and lot code 404 within the collection 400 being maintained within the database 103 of the agricultural management information system 50.

At block 528, having identified the appropriate records 102, the agricultural management information system...

...nonetheless be appreciated that the information embodied in the records 102, as stored by the database of the agricultural management information system 50, is also very useful to a farmer (or producer, processor, etc.) for the purposes...report tool 475 is able to extract the appropriate data from the located records, and generate textual or graphic reports. To this end, Figure 17A shows exemplary seasonal reports 600 and historic reports 602 of...

...identified within a particular trap both seasonally and over a number of years. Additionally, the report tool 475 generates graphs to provide a visual representation of observed or measured values for a particular characteristic.

Figure 17B provides a further example of a weekly pest management monitoring report 620 that may be generated by the report tool 474 responsive to a request from a user 451. Once again, the information displayed...

#### Claim

... receiving agricultural product data relating to an agricultural product at a management information system;  
automatically comparing the agricultural product data against compliance requirements stored by the management information system; and  
automatically generating a compliance result based on the...A system automatically to certify an agricultural product, the system including:  
a comparator automatically to compare agricultural product data against compliance requirements stored by the management information system; and  
a reporter automatically to generate a compliance result...

...against the compliance requirements. 137. The system of claim 136 wherein the reporter is to generate the compliance report by structuring the agricultural product data according to the compliance requirements. 138. The system of...

...receive agricultural product data relating to an agricultural product at a management information system;  
automatically compare the agricultural product data against compliance requirements stored by the management information system; and  
automatically generate a compliance result based on the...

...A system for automatically certifying an agricultural product, the system including:  
first means for automatically comparing agricultural product data against compliance requirements stored by the management information system; and  
second means for automatically generating a compliance result...data recording compliance with an accreditation standard. 192. The system of claim 180 wherein the report generator is to generate a markup language document including the agricultural product data and

communicating the markup language document...

?

13/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012488488 - Drawing available

WPI ACC NO: 2002-435720/200246

XRPX Acc No: N2002-342970

Capturing agricultural data by finding location and product data sets at  
custodial chain locations for storage as data record

Patent Assignee: REALTOOLBOX (REAL-N)

Inventor: CONNOLLY R ; DLOTT J W ; OHMART C P; ROSENBERG H W

Patent Family (3 patents, 96 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
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WO 2002037375	A1	20020510	WO 2001US42577	A	20011008	200246 B
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AU 200213455	A	20020515	AU 200213455	A	20011008	200258 E
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EP 1344168	A1	20030917	EP 2001981838	A	20011008	200362 E
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WO 2001US42577	A	20011008				
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Priority Applications (no., kind, date): US 2000705098 A 20001102; US

2000705372 A 20001102; US 2000705373 A 20001102; US 2000705393 A

20001102

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
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WO 2002037375	A1	EN	99	17		
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National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY

BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID

IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ

NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU

ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200213455 A EN Based on OPI patent WO 2002037375

EP 1344168 A1 EN PCT Application WO 2001US42577

Based on OPI patent WO 2002037375

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR

IE IT LI LT LU LV MC MK NL PT RO SE SI TR

#### Original Titles:

...A METHOD AND SYSTEM TO CAPTURE DATA PERTAINING TO AN AGRICULTURAL  
PRODUCT , TO RECORD A CHAIN OF CUSTODY FOR AN AGRICULTURAL PRODUCT ,  
AUTOMATICALLY TO CERTIFY AN AGRICULTURAL PRODUCT , AND TO COMMUNICATE  
AGRICULTURAL PRODUCT INFORMATION TO A CONSUMER...

...A METHOD AND SYSTEM TO CAPTURE DATA PERTAINING TO AN AGRICULTURAL  
PRODUCT , TO RECORD A CHAIN OF CUSTODY FOR AN AGRICULTURAL PRODUCT ,  
AUTOMATICALLY TO CERTIFY AN AGRICULTURAL PRODUCT , AND TO COMMUNICATE  
AGRICULTURAL PRODUCT INFORMATION TO A CONSUMER...

Inventor: CONNOLLY R ...

... DLOTT J W ...

... ROSENBERG H W

Alerting Abstract ...and product data capture program,a method of recording the chain of custody for an agricultural product ,a system for recording the chain of custody for an agricultural product ,a method of automatically certifying an agricultural product ,a system for automatically certifying an agricultural product ,an agricultural product data program, and an agricultural product information communication system .

...

...DESCRIPTION OF DRAWINGS - The figure shows an agricultural management information system .

#### Original Publication Data by Authority

Inventor name & address:

OHMART, Clifford, P ...

... DLOTT, Jeffrey, W ...

... ROSENBERG, Harry, W ...

... CONNOLLY, Rebecca ...

... OHMART, Clifford, P ...

... DLOTT, Jeffrey, W ...

... ROSENBERG, Harry, W ...

... CONNOLLY, Rebecca

Original Abstracts:

A method to capture data pertaining to an agricultural product commences with the capture of location data (450) indicating the location of a custodial location (48) within a chain of custody for agricultural products by capturing a location identifier associated with the location. Product data, reflecting the condition of the product, is also...

...A method to capture data pertaining to an agricultural product commences with the capture of location data ( 450 ) indicating the location of a custodial location (48) within a chain of custody for agricultural products by capturing a location identifier associated with the location . Product data, reflecting the condition of the product, is also captured (102). The product data may...

13/3,K/2 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01479382

A METHOD AND SYSTEM TO CAPTURE DATA PERTAINING TO AN AGRICULTURAL PRODUCT , TO RECORD A CHAIN OF CUSTODY FOR AN AGRICULTURAL PRODUCT , AUTOMATICALLY TO CERTIFY AN AGRICULTURAL PRODUCT , AND TO COMMUNICATE AGRICULTURAL PRODUCT INFORMATION TO A CONSUMER

VERFAHREN UND SYSTEM ZUM ERFASSEN VON DATEN BEZUGLICH EINES  
LANDWIRTSCHAFTLICHEN PRODUKTS, ZUM AUFZEICHNEN EINER  
AUFBEWAHRUNGSKETTE  
FUR EIN LANDWIRTSCHAFTLICHES PRODUKT, ZUM AUTOMATISCHEN  
ZERTIFIZIEREN  
EINES LANDWIRTSCHAFTLICHEN PRODUKTS UND ZUM UBERMITTELN VON  
INFORMATIONEN UBER EIN LANDWIRTSCHAFTLICHES PRODUKT ZU EINEM  
KUNDEN  
PROCEDE ET SYSTEME PERMETTANT DE CAPTURER DES DONNEES RELATIVES A  
UN  
PRODUIT AGRICOLE, D'ENREGISTRER UNE CHAINE DE TRAABILITE DESTINEE A UN  
PRODUIT AGRICOLE, DE CERTIFIER AUTOMATIQUEMENT UN PRODUIT AGRICOLE  
ET  
DE COMMUNIQUER DES INFORMATIONS RELATIVES A UN PRODUIT AGRICOLE A  
UN  
CONSOMMATEUR

PATENT ASSIGNEE:

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CONNOLLY, Rebecca, 405 Senda Ladera, Watsonville, CA 95076, (US)

LEGAL REPRESENTATIVE:

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Holborn, London WC1R 5DH, (GB)

PATENT (CC, No, Kind, Date): EP 1344168 A1 030917 (Basic)  
WO 2002037375 020510

APPLICATION (CC, No, Date): EP 2001981838 011008; WO 2001US42577 011008

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A METHOD AND SYSTEM TO CAPTURE DATA PERTAINING TO AN AGRICULTURAL  
PRODUCT, TO RECORD A CHAIN OF CUSTODY FOR AN AGRICULTURAL PRODUCT  
, AUTOMATICALLY TO CERTIFY AN AGRICULTURAL PRODUCT, AND TO  
COMMUNICATE AGRICULTURAL PRODUCT INFORMATION TO A CONSUMER

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A METHOD AND SYSTEM TO CAPTURE DATA PERTAINING TO AN AGRICULTURAL  
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PROCEDE ET SYSTEME PERMETTANT DE CAPTURER DES DONNEES RELATIVES A  
UN  
PRODUIT AGRICOLE, D'ENREGISTRER UNE CHAINE DE TRACABILITE DESTINEE A  
UN  
PRODUIT AGRICOLE, DE CERTIFIER AUTOMATIQUEMENT UN PRODUIT AGRICOLE  
ET  
DE COMMUNIQUER DES INFORMATIONS RELATIVES A UN PRODUIT AGRICOLE A  
UN  
CONSOMMATEUR

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Detailed Description

Claims

#### English Abstract

A method to capture data pertaining to an agricultural product commences with the capture of location data (450) indicating the location of a custodial location (48) within a chain of custody for agricultural products by capturing a location identifier associated with the location. Product data, reflecting the condition of...

#### Detailed Description

A METHOD AND SYSTEM TO CAPTURE DATA PERTAINING TO AN AGRICULTURAL PRODUCT , TO RECORD A CHAIN OF CUSTODY FOR AN AGRICULTURAL PRODUCT , AUTOMATICALLY TO CERTIFY AN AGRICULTURAL PRODUCT , AND TO COMMUNICATE AGRICULTURAL PRODUCT INFORMATION TO A CONSUMER

#### FIELD OF THE INVENTION

The present invention relates to information systems...

...information appliances for, inter alia, agricultural certification compliance, agricultural regulatory compliance, agricultural process management, and agricultural product marketing. More particularly, the present invention relates to capturing and providing data about agricultural products , practices and conditions with high integrity and credibility to consumers, regulatory agencies and certification authorities, agricultural process managers and agricultural product developers, processors and handlers.

#### BACKGROUND OF THE INVENTION

Consumers and purchasers of food and other agricultural products are becoming increasingly concerned about the exact natures of the foods that they are eating...

...non-governmental eco-label certification programs ) neither require nor prescribe real-time certified monitoring of agricultural production practices. There presently exists a mismatch between the methods and tools of prior art...

...informational needs and demands of the agricultural process manager, public and regulatory and certifying agencies, agricultural product processing,. transportation and distribution agents, and consumers.



In addition, there is a rapidly increasing concern...

...of the present invention there is provided a method to capture data pertaining to an agricultural product . Location data indicating a first location is captured, the location data being captured from a... present invention there is provided a method of recording a chain of custody for an agricultural product . Location data is captured at least at a first location of a plurality of locations associated with an agricultural product , the location data identifying the first location. Custodial data is captured at each of the plurality of locations associated with the agricultural product , the custodial data identifying a respective custodian of the agricultural product at each of the plurality of the locations. A chain of custody record is automatically created to include an agricultural product identifier, the location data and the custodial data.

According to a third aspect of the present invention, there is provided a method of automatically certifying an agricultural product . Agricultural product data relating to an agricultural product is received at a management information system . The agricultural product data is automatically compared against compliance requirements stored by the management information system. A compliance result is automatically generated based on the automatic comparison of the agricultural product data against the compliance requirements.

According to a fourth aspect of the present invention, there is provided a method of communicating agricultural product information to the user. A request is received at a management information system for agricultural product information, the request including an agricultural product identifier. An agricultural product record, identified using the agricultural product identifier, is accessed at the management information

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system , the agricultural product record including agricultural product data collected along a chain of custody of the agricultural product . The agricultural product data is communicated responsive to the request.

Other features of the present invention will be...

...similar elements and in which.

Figure 1 is a diagrammatic representation of an exemplary agricultural system within which the present invention may be deployed.

Figure 2 is a diagrammatic illustration of...

...method, according to the present invention, of capturing, managing, processing and outputting data pertaining an agricultural product .

Figure 4 is a diagrammatic representation of the capture of data at multiple units that...

...at each of the units of a chain of custody and thereafter communicated to the agricultural information system .

Figure 6 is a block diagram illustrating a compliance and chain of

custody system,, according...

...of custody constituted by a collection of custodians, each of which provides input to the agricultural management information system .

Figure 7 is a diagrammatic representation illustrating a plurality of data capture devices, connected via a network to each other and to an agricultural management information system , according to an exemplary embodiment of the present invention.

Figures 8A - 8D are diagrams illustrating...

...according to an exemplary embodiment of the present invention, of capturing data pertaining to an agricultural product .

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Figure 12 is a block diagram illustrating an exemplary collection of data records that may be maintained within a database in an agricultural management information system .

Figure 13 is a block diagram illustrating further architectural details of an agricultural management information system , according to an exemplary embodiment of the present invention.

Figure 14 is a flow chart...

...the present invention, of automatically generating a compliance result based on the automated comparison of agricultural product data against compliance requirements in the form of certification requirements.

Figure 15 is a flow chart illustrating a method, according to an exemplary embodiment of the present invention, of communicating agricultural product information to a user.

Figure 16A illustrates the communication of a user interface by an agricultural management information system , via a network, to a computer system for display.

Figure 16B illustrates exemplary labels, each bearing a respective barcode, as applied to an assortment of agricultural products .

Figure 17A illustrates exemplary seasonal reports and historic reports of a number of leaffioppers identified...

...trap both seasonally and over a number of years, the reports being generated by the agricultural management information system .

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Figure 17B illustrates an example of a weekly pest management monitoring report, as generated by the agricultural management information system .

Figure 17C illustrates an exemplary aggregate report that graphically illustrates water use efficiency per year...

...feet for a group of wine grape growers, the aggregate report being generated by the agricultural management information system .

Figure 17D illustrates an exemplary pesticide use report, as generated by the agricultural management information system .

#### DETAILED DESCRIPTION

A method and system to capture data pertaining to an agricultural product , to record a chain of custody for an agricultural product , automatically to certify an agricultural product , and to communicate agricultural product information to a consumer, are described. In the following description, for ...skilled in the art that the present invention may be practiced without these specific details.

#### Agricultural System - Overview and Terminology

Figure 1 illustrates an exemplary agricultural system 10 that includes an agricultural production system 15 and agricultural production outputs 16. The production system 15 may in turn conceptually be viewed as including one or more components that contribute towards the agricultural production outputs 16. These components may include production units 18, production practices 20, inputs 22, biological processes 24, and time 26. The outputs 16 may include agricultural products 28 and impacts 30 on environmental, economic and social systems.

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For the purposes of the present specification, agricultural systems 10 shall be taken to include, but not be limited to, land-based (e.g...

...acids, etc.), chemical (e.g., distilling, etc.) or other production processes and actions to prepare agricultural products for ingestion or use by a human, animal, or plant.

Agricultural products 28 may be taken to include, but not be limited to, grains, beans, vegetables, fruits...

...unit) or a geographically meaningful unit (e.g., a section,, township,, and range).

The terms agricultural product processing or food processing mean herein any operation or action made to prepare an agricultural product 28 for ingestion or use by a human, animal, or plant.

The terms farm, ranch, forest operation, fishing operation, and processing facility include herein an agricultural production venture,, enterprise, operation, location, site or other point of origin, wherein or whereby an agricultural, chemical or biochemical process is sponsored, effected or managed and that produces an agricultural product 28 that is meant to be,, or is likely to occasionally be, used or ingested...

...of the terms farm, ranch, forest operation, fishing operation, and processing facility further include an agricultural production venture,, enterprise, operation, location, site or other point of origin, wherein or whereby an agricultural product 28 that is meant to be, or

is likely to occasionally be, used in a...

...salt water fishing areas and locations.

The term lot is defined as two or more agricultural products 28 that originate from the same unit of production 18. Further, agricultural products 28 of a lot may be harvested or processed in substantially the same way during...

...combine production units 18, inputs 22, biological processes 24, and time 26 to produce the agricultural products 28. Examples of production practices 20 may include, but are not limited to, crop residue ...and unintended

alternations to biological, economic and social processes and systems as a result of agricultural production system 15. The term biological impact is herein defined as an, unintended or intended impact of agricultural production system 15 on biological processes and conditions. The agricultural production system 15 can have impacts on air, water, and land from pollutants (e.g., sediment, dust...

...The term economic impact is herein defined as an unintended or intended impact of an agricultural production system 15 not accounted for in the trade value or sale price of agricultural product 28. The term social impact is herein defined as an unintended or  
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intended impact of an agricultural production system 15 on the health, safety, educational, and standard of living conditions and opportunities of individuals and communities and the treatment of animals. Example economic impacts resulting from agricultural production systems 15 include the individual, community,, and government cost of additional water treatment to remove agricultural...

...water quality regulatory oversight and clean-up. Examples of social impacts that may result from agricultural production system 15 include poverty from low paying and season jobs, limited availability of affordable and safe...

...to pesticides), limited opportunities for education or training, decreased consumer confidence in safe and affordable agricultural products 28, inhumane treatment of animals, and increased regulatory oversight.

Figure 2 illustrates how seasonal production...

...of an exemplary method 40 of capturing, managing, processing and outputting data pertaining to an agricultural product . At a high level, the method 40 may conceptually be viewed as composing a data...

...and a reporting component 46.

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Contributors, processors and users of the data concerning the agricultural product include custodians 48 of the agricultural product ,, an agricultural management information system 50, a regulatory/certification/accreditation authorities 52, consumers 54 of the agricultural product 28, and agricultural managers 56.

The method 40 commences at block 58 with the capture, by custodians 48 of an agricultural product 28, of product data pertaining to the agricultural product, the product data reflecting a condition pertaining to the product at a custodial location. In one embodiment...

...block 62, the created data record is communicated from a respective custodian 48 to the agricultural management information system 50 that, at block 62, proceeds to store the received data record together with an internal identifier 64.

At block 66, the agricultural management information system 50 performs a certification process to create and store a certification record indicating that a particular agricultural product, for which data has been received from one or more custodians 48, complies to one...

...at block 70, may optionally generate a certification or accreditation report.

At block 72, the agricultural management information system 50 may optionally perform a regulatory compliance process to create and store a compliance record...

...At block 78, a consumer 54 may generate a request for certain information regarding an agricultural product (e.g., whether the product complies with certain certification standards). As will be described in...

...communication device (e.g., a network-coupled personal computer) which is then communicated to the agricultural management information system 50.

At block 80, the agricultural management information system 50 retrieves data pertaining to one or more agricultural products identified in the consumer request and, at block 82, transmits the received data to the...

...manager 56 may generate a report request for a report pertaining to one or more agricultural products, this request being transmitted to the agricultural management information system 50 at block 88. At block 90, the agricultural management information system 50 retrieves one or more reports and other pertinent data and, at block 92, transmits...

...constitute a chain of custody. The submission, by each of such units 100, to the agricultural management information system 50 for storage 16

within a database 103, of records 102 that embody the captured data pertaining to the agricultural product. The units 100 may conceptually be viewed as comprising units of production 104, and units

...  
...operations to generate individual data records of product data reflecting conditions pertaining to a relevant agricultural product at a respective unit. For example, a unit of production 104, as defined above with...

...processing operations 112. According to an exemplary embodiment of the present invention, data pertaining to agricultural products at the

relevant unit of production 104 may be gathered as part of the operations  
...

...include combinations and permutations of processing operations 112, storage operations 114 and transport operations 116, agricultural product data being captured as part of such operations.

While the described operations are illustrated in...

...at each of a chain of units that constitute a chain of custody of an agricultural product and the submission of such product data to the agricultural management information system 50, for example in the form of the records 102, it will be appreciated that the agricultural management information system 50 is able to provide a global view of a chain of custody and

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conditions pertaining to the agricultural product at each custodial location constituting the chain of custody.

Figure 5 is a diagrammatic representation...at each of the units 100 of a chain of custody and communicated to the agricultural management information system 50. In one embodiment, the record 102 may be constructed by the data capture device at the custodial location, and communicated to the agricultural management information system 50 as a record. In an alternative embodiment, the agricultural product data, as captured by the data capture device, may simply be communicated to the agricultural management information system 50, which then formats the received data as the record 102.

A unique identification field...

...record, a unique identifier for the particular record that also serves to identify the relevant agricultural product for which the record 120 pertains. In one exemplary embodiment, a unique identifier for a...

...thereof.

A time field 122, for each record 102, stores a time at which the agricultural product data included within the record 102 was captured. A date field 124 similarly stores a...

...one of the units 100 discussed above with reference to Figure 4) at which the agricultural product data was captured. In one embodiment, the data in the place field 126 indicates one of multiple custodial locations for a particular agricultural product .

A person field 128 stores an identifier for a person,, or operator,, at a custodial location who was responsible for the capture of the agricultural product data. An activity field 130 may store information identifying an activity (e.g., any one of the operations 108 - 116 described above with reference to Figure 4) pertaining to the agricultural product and to which the captured data pertains. For example, an activity

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indicated in the...

...production, the applying of the pesticide at a unit of production, the

harvesting of an agricultural product, the packaging of an agricultural product, etc.  
An equipment serial number field 132 stores an identifier for data capture equipment utilized...

...of the GPS field 140 may also be utilized to enhance reports generated by the agricultural management information system 50, by providing a further level of detail regarding location of a custodial location.

Figure...

...of which provides input, for example in the form of a record 102, to the agricultural management information system 50. The system 150 is also shown to include a collection of regulatory/certification/accreditation authorities 52 that interact with the agricultural management information system 50 to at least partially automate regulatory compliance, certification or an accreditation processes. The exemplary custodians 48 include an agricultural production system 15, a packaging custodian 152, a transportation custodian 154, a processor custodian 156, a wholesale...

...Outside the chain of custody, a consumer 54 is also shown to interact with the agricultural management information system 50.  
Each of the custodians 48 is further shown to access one or more data...

...48. Each data capture device 170 is furthermore shown to be in communication with the agricultural management information system 50, so as to facilitate the communication of the captured product data from the data capture device 170 to the agricultural management information system 50.

A data capture device 170 utilized by a custodian 48 may be a hand...

...any electromagnetic frequency communications (e.g., optical, infrared (IR) or radio frequency (RF) communications).

The agricultural management information system 50, as will be described in further detail below, comprises one or more applications executing...

...on one or more data storage systems.

The data capture devices 170 communicate with the agricultural management information system 50 utilizing a communications network, such as the Internet, the Plain Old Telephone Service (POTS)...  
...Network (LAN).

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A collection of authorities 52 are also shown to interact with the agricultural management information system 50. Such ...California Department of Pesticide Regulation (DPR), etc.). The interaction of the authorities 52 with the agricultural management information system 50 will also be described in further detail below.

Data Capture

Further details regarding exemplary embodiments of the capture 42 of data

concerning an agricultural product will now be described.

Figure 7 is a diagrammatic representation illustrating a plurality of data...

...connected via a network 180 (e.g., the Internet) to each other and to the agricultural management information system 50. Each of the data capture devices 170 is located at a respective custodial location...

...to capture pertinent data. The data capture devices 170 also include a stand-alone computer system 184 that communicates agricultural product information on a data storage media 186 (e.g., a CD ROM or any other optical, magnetic or opto-magnetic storage medium) that is provided to the agricultural management information system 50. Accordingly, the computer system 184 is not required to be coupled to the network...

...hand-held device 182 is utilized by an operator conveniently to record data concerning an agricultural product

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at various locations within a chain of custody and production cycle through which the agricultural product proceeds. The hand-held device 182 may be utilized by any of the custodians 48...

...present invention proposes a method by which product data, reflecting a condition pertaining to an agricultural product, be associated with location data identifying a location within the chain of custody. Further, the...

...proposes allowing a custodian 48 to capture product data, reflecting a condition pertaining to an agricultural product, at the relevant custodial location 201. To this end, Figure 8A shows the hand...

...appreciated that, within different environments and at different custodial locations 201, a wide variety of agricultural product data may be captured. Accordingly, a wide variety of data capture applications may be executed...For example, a product data code 204 may reflect an observed condition pertaining to an agricultural product at a custodial location identified by the location code 202. It will be appreciated that...

...e.g., a Universal Product Code (UPC) embodied within a barcode associated with a particular agricultural product as illustrated in Figure 7. It will be appreciated that a product identification code 206...

...thousands of lettuce heads), a product identification code 206 is not associated with each individual agricultural product. However, at a downstream packaging custodian 152, such product identification codes 206 may be associated with each individual agricultural product.

In one embodiment of the present invention, the record 102 described above with reference to...

...the information captured by the hand-held device 182 is simply relayed via the computer system 181 to the agricultural management information system 50 that then composes the record 102. In a further embodiment, the information captured by the hand-held device 182 is



communicated via wireless transmission

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directly to the agricultural management information system 50 that then composes the record 102. In any event, it will be appreciated that... signals from the processor to generate a display (e.g., a user interface to receive agricultural product data).

The hand-held device 182 is powered by an internal power source 238 (e...

...identifier 138 to the captured data or data report 102 prior to transmission to the agricultural management information system 50.

Such

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witnesses may include a second custodian, certification agent, accreditation agent, thirdparty representative...

...a base computer system 192 that then, via the Internet, communicates this data to the agricultural management information system 50. In an alternative embodiment, the hand-held device 182 may be physically coupled to...

...in order to transfer information to the base computer system 192 for propagation to the agricultural management information system 50. In yet a further embodiment, the hand-held device 182 may be coupled directly to the Internet, and may itself communicate the captured data to the agricultural management information system 50.

Data CNture - Methodology

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Figure 11 is a flow chart illustrating a method 300, according to an exemplary embodiment of the present invention, of capturing data pertaining to an agricultural product. The method 300 commences at decision block 302, with the determination as to whether a...

...report/record generation system 280, and composed of the previously captured data pertaining to an agriculture product, is to be stored. If so, at block 304, the report, or record, is stored...the location data is provided.

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At block 312, the hand-held device 182 accepts agricultural product data, for example in the form of a product data code 204 as describe with

...

...signal.

The product data captured at block 312 may comprise any data pertaining to an agricultural product. For example, the product data may be environmental data, indicating environmental conditions associated with an agricultural product. Such environmental data may, for example, reflect growing environment and conditions (e.g., soil nutrient...

...18. The product data may also include characteristic data indicating a specific characteristic of an agricultural product. For example, such characteristic data may indicate the size, weight, calorie, color, brix, or other observable or measurable characteristic of an agricultural product. The product data may also comprise activity data recording details of an activity performed with respect to an agricultural

product .

For example, the activity data may reflect the timing and volume of pesticides applied at...

...data could also reflect data concerning any processing, distributing, packing, treating or handling of the agriculture product at any one of the custodial locations discussed above.

The product data may furthermore include economic data indicating costs of production associated with an agricultural product (e.g., material, water, energy, equipment, management, land, capital, and labor costs). Further, labor (or...

...at block 312 to identify personnel that contributed toward the production or processing of the agricultural product . Such personnel or data may include personnel identification, labor location and labor time, merely for...a video recorder). Such captured audio or video may be digitized, and stored by the agricultural management information system 50 as part of the record 102.

Chain of Custody - Database

Figure 12 is a...

...400 of data records 102 that may be maintained within the database 103 of the agricultural management information system 50. Figure 12 also illustrates that the collection 400 of records 102 may be indexed...

...UPC 402 or the lot code 404 may comprise the unique identifier 120 of an agricultural product data record 102, as illustrated in Figure 5. Each of the records 102 may be linked to further records and reports pertaining to a specific agricultural product , or agricultural product lot, so that a hierarchical data structure of records and reports that comprises the collection 400 is defined. An exemplary chain of custody 406 for an agricultural product is also illustrated in Figure 12.

In addition to records 102 that are generated at...

...The generation of the exemplary reports 408 will be described in further detail below.

Architecture - Agricultural Management Information System 50  
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Figure 13 is a block diagram illustrating further architectural details of the agricultural management information system 50, according to an exemplary embodiment of the present invention. The agricultural management information system 50 is shown to receive data records 102, including at least location and product data...

...and other submitters 452. In an alternative embodiment, raw data may be received at the agricultural management information system 50, which then itself composes the record 102.

The agricultural management information system 50 is shown to include

a

certification server 454 that is responsible for generating reports utilizing records, pertaining to an agricultural product, obtained from custodial locations constituting a chain of custody for the relevant agricultural product. To this end, Figure 13 illustrates a first database 103 storing a collection of records...

...database 105, which is shown to include product records 456 that include detailed information regarding agricultural products, guideline records 458 (e.g. organic certification guidelines, Marine Stewardship Council accreditation guidelines, EPA Clean Water Act standards, etc.), agricultural production system records 460 that include details regarding agricultural production systems 15 (e.g., such as those described with reference to Figure 1), custodian records 462...

...chain of custody, lot records 464 that may contain additional information regarding a lot of agricultural products, and quality records 466 (e.g., size, color, purity, brix level, harvest date, etc.). In...

...guideline records 458 of the database 105. The certification tool 472 operates automatically to compare agricultural product data, in the form of the records 102, against the compliance requirements specified within such...an inquiry from the user 451. Alternatively, the report 474 may be generated once sufficient agricultural product data has been collected from the various submitters, and the report 474 may then be...

...generate custom reports (e.g., daily, seasonal or yearly pest management reports) based on the agricultural product data received from various submitters. Further details regarding the report in process will be provided...

...generate a regulatory compliance certificate as a compliance result based on the comparison of the agricultural product data against regulatory compliance requirements as specified in one or more guideline records 458. An...

...the present invention,, of automatically generating a compliance result based on the automated comparison of agricultural product data against compliance requirements in the form of certification requirements. While the method 500 is...

...458 within the database 103. To this end, a custodian, for example, may when submitting agricultural product data specify that the record is contributing towards a determination as to whether a particular agricultural product complies with certain organic standards criteria. In a further embodiment, a witness may authenticate some...

...record or accreditation compliance record) by performing a comparison of compliance requirements against the captured agricultural product data.

As described above, the compliance requirements for a specific certification record may be specified...

...in a relational database as a distinct record that is keyed (or linked)

to the agricultural product data record 102.

#### Methodology - User Product Information Retrieval

Figure 15 is a flow chart illustrating a method 520, according to an exemplary embodiment of the present invention, of communicating agricultural product information to a user (e.g., a consumer, farmer or certification authority), The method 520...

...of a serial number (e.g., a UPC) by an inquiring user 451 to the agricultural management information system 50.

In one exemplary embodiment, the input of the serial number to the system 50 may be via a computer system 532 coupled via a network 180 to the agricultural management

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information system 50, as is illustrated in Figure 16A. In the exemplary embodiment shown in Figure 16A...

...performs a read operation of the relevant barcode 536.

Figure 16A also illustrates that the agricultural management information system 50 may communicate a user interface 538, via the network 180, to the computer system...

...language (HTML) document) that is generated by a web server that forms part of the agricultural management information system 50. The input by the user to the interface 538 is communicated, via the network 180, back to the agricultural management information system 50 as a request for agricultural product information.

Figure 16B shows example labels 534, each bearing a respective barcode 536, as applied to an assortment of agricultural products .

Further, while Figure 16A illustrates a personal computer system 532 as being an input device, it will be appreciated that the request for agricultural product information may be inputted, by user 451, into any of a number of network-connected devices for communication via the network 180 to the agricultural management information system 50. For example, an appropriate interface to harvest information to be included in such

38...

...15, at block 524, the user may optionally input a lot number for a particular agricultural product . The lot number may be entered in any one of the ways described above for the input of the serial number.

At block 526, the agricultural management information system 50, having now received a serial number and/or a lot number, proceeds to locate...

...lot code 404 within the collection 400 being maintained within the database 103 of the agricultural management information system 50.

At block 528, having identified the appropriate records 102, the agricultural management information system 50, and more specifically the certification tool 472 of the certification server 454, proceeds to

...

...document (e.g., a HTML document) that is generated by a web server of the agricultural management information system 50, and  
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communicated via a network 180 to a computer system 532 operated by...

...comprise a list of standards (e.g., certification, regulatory, accreditation, etc.) with which the relevant agricultural product complies. This embodiment may be directed towards a consumer who is interested in only high...

...528, is described above as being performed responsive to the receipt of a request for agricultural product information, it will be appreciated that the comparison operation may be performed offline, prior to...

...reference to Figure 15 provides an example of reporting a level of compliance of an agricultural product, based on agricultural product data collected along the chain of custody, with a standard (e.g., a certification standard...

...that the information embodied in the records 102, as stored by the database of the agricultural management information system 50, is also very useful to a farmer (or producer, processor, etc.) for the purposes of evaluating performance of and reviewing of, an agricultural production system 15 over time (e.g., a season or one or more years as described in...in a manner similarly described with reference to Figure 15, input information pertaining to an agricultural production system (e.g., a unit of production identifier), responsive to  
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which the report tool 474 of the certification server 454 locates records associated with the relevant agricultural production system 15 (e.g., a field of land). In addition to an identifier for an agricultural product system 15, the request from the farmer may include a specific characteristic in which the user...

...descriptive and inferential statistics so as to provide a meaningful comparative view of the captured agricultural product data. Such reports go beyond a mere "yes/no" compliance, and enable a user to differentiate between custodians of an agricultural product based on a selected one, or multiple, metrics (e.g., environmental conditions, quality,, time to...

...may, in one embodiment, be generated as markup language documents that are communicated from the agricultural management information system 50, via the network 180, to a computer system 532.

Thus, a method and system to capture data pertaining to an agricultural product, to record a chain of custody for an agricultural product, automatically to certify an agricultural product, and to communicate agricultural product information to a consumer, have been described. Although the present invention has been described with...

#### Claim

1 A method to capture data pertaining to an agricultural product, the method including:  
capturing location data indicating a first location, the location data

being captured...

...capture of the product data comprises capturing environmental data concerning environmental conditions associated with the agricultural product .

45

. The method of claim 1 wherein the capture of the product data comprises capturing characteristic data concerning a characteristic of the agricultural product .

13 The method of claim 1 wherein the capture of the product data comprises capturing activity data concerning an activity performed with respect to the agricultural product , the activity being performed at the first location.

14 The method of claim 13 wherein...

...one of a group including pre-production, production, processing, distributing, packing, treating, and handling the agricultural product .

15 The method of claim 1 wherein the capture of the product data comprises capturing economic data concerning costs of production associated with the agricultural product .

16 The method of claim 15 wherein the costs of production include any one of...

...and

product data sets at respective custodial locations along a chain of custody of the agricultural product , and storing the plurality of location and product data sets as the data record.

20...

...including capturing product data at respective custodial locations along a chain of custody of the agricultural product , and storing the product data captured at the custodial locations together with product identification information...

...23 The method of claim 1 including capturing custodial data identifying a custodian of the agricultural product at the first location and composing the data record to include the custodial data.

24...and digital video data.

43 A data capture device to capture data pertaining to an agricultural product , the device comprising:

at least one data capture component to capture location data indicating a first location and to capture product data pertaining to the agricultural product , the location data being captured from a location identifier physically associated with the first location and the product data reflecting a condition pertaining to the agricultural product at the first location; and  
a storage component automatically to store a data record including...

...location and product data.

62 A method of recording a chain of custody for an agricultural product, the method including:  
capturing location data at least at a first location of a plurality of locations associated with an agricultural product, the location data identifying the first location;  
capturing custodial data at each of the plurality of locations associated with the agricultural product, the custodial data identifying a respective custodian of the agricultural product at each of the plurality of the locations; and  
53 automatically creating a chain of custody record including an agricultural product identifier, the location data and the custodial data.

63 The method of claim 62 wherein the first location comprises a unit of production in which the agricultural product is produced.

64 The method of claim 62 wherein the first location comprises a biologically meaningful unit in which the agricultural product is produced.

65 The method of claim 64 wherein the ...of claim 62 wherein the first location comprises a politically meaningful unit in which the agricultural product is produced.

67 The method of claim 66 wherein the politically meaningful unit includes any...

...method of claim 62 wherein the first location comprises a management unit by which the agricultural product is processed.

69 The method of claim 62 wherein the first location comprises a biologically meaningful unit in which the agricultural product is processed.

54

. The method of claim 62 wherein the first location comprises a politically meaningful unit in which the agricultural product is processed.

71 The method of claim 62 wherein the first location comprises any one of a group of units by which the agricultural product is produced, including units of processing, storage, distribution and sale.

72 The method of claim...

...document.

78 The method of claim 75 wherein the chain of custody request includes the agricultural product identifier.

79 The method of claim 78 wherein the agricultural product identifier comprises any one of a group of identifiers including a Universal Product

Code (UPC...

...62 wherein the capture of the location data includes receiving the location data and the agricultural product identifier at a management information system.

86 The method of claim 85 wherein the location data and the agricultural product identifier are received at the management information system via a communications network from a remote...

...the custodial data includes receiving at least a portion of the custodial data and the agricultural product identifier at a management information system.

88 The method of claim 87 wherein the custodial data and the agricultural product identifier are received at the management information system via a communications network from a remote location.

89 A system to record a chain of custody for an agricultural product , the system including:

at least one data capture device to capture location data at least at a first location of a plurality of locations associated with an agricultural product , the location data identifying the first location, and to capture custodial data at each of the plurality of locations associated with the agricultural product , the custodial data identifying a respective custodian of the agricultural product at each of the plurality of the locations; and

57

an information system, to be...

...least one data capture device, automatically to create a chain of custody record including an agricultural product identifier, the location data and the custodial data.

90 The system of claim 89 wherein the first location comprises a unit of production in which the agricultural product is produced.

91 The system of claim 89 wherein the first location comprises a management unit by which the agricultural product is managed.

92 The system of claim 89 wherein first location comprises a biologically meaningful...

...wherein the first location comprises any one of a group of units by which the agricultural product is processed, including units of processing, storage, distribution and sale.

95 The system of claim...document. 101. The system of claim 98 wherein the chain of custody request includes the agricultural product identifier.

102. The system of claim 101 wherein the agricultural product



identifier  
comprises any one of a group of identifiers including a Universal  
Product Code (UPC...

...politically meaningful unit. 106. The system of claim 89 wherein the  
location data and the agricultural product identifier are received at  
the management information system via a communications network from a  
remote...

...captured at least at a first location of a plurality  
of locations associated with an agricultural product, the location  
data  
identifying the first location;  
receive custodial data captured at each of the plurality of locations  
associated with the agricultural product, the custodial data  
identifying a respective custodian of the agricultural product at  
each  
of the plurality of the locations; and  
automatically create a chain of custody record including an  
agricultural product identifier, the location data and the custodial  
data. 108. A system to record a chain of custody for an agricultural  
product, the  
system including:

60

first means for capturing location data at least at a first location of a  
plurality of locations associated with an agricultural product, the  
location data identifying the first location, and for capturing custodial  
data at each of the plurality of locations associated with the  
agricultural product, the custodial data identifying a respective  
custodian of the agricultural product at each of the plurality of the  
locations; and

second means, to be coupled to the first means, for automatically  
creating a chain of custody record including an agricultural product  
identifier, the location data and the custodial data. 109. A method of  
automatically certifying an agricultural product, the method  
including:

receiving agricultural product data relating to an agricultural  
product at a

management information system;

automatically comparing the agricultural product data against  
compliance

requirements stored by the management information system; and  
automatically generating a compliance result based on the automatic  
comparison of the agricultural product data against the compliance  
requirements.

61

. The method of claim 109 wherein the compliance result comprises a  
compliance report structuring the agricultural product data according  
to the compliance requirements. 111. The method of claim 110 wherein the  
compliance...

...112 wherein the relative compliance indication  
indicates a level of compliance relative to a further agricultural  
product.

115. The method of claim 109 including, if the agricultural product  
data

satisfies the compliance requirements, then automatically generating an affirmative compliance result.

116. The method...

...affirmative compliance result

comprises an accreditation. 119. The method of claim 109 including, if the agricultural product data does not satisfy the compliance requirements,, then automatically generating a negative compliance result. 120. The method of claim 109 wherein the agricultural product data includes any one of a group of information types including pre-production, production, environmental...

...product

characteristic, social, or economic information.

121. The method of claim 109 including receiving an agricultural product

identifier, and automatically comparing the agricultural product data against the compliance requirements responsive to, the receipt of the agricultural product identifier. 122. The method of claim 121 wherein the agricultural product identifier is received at the management information system via a communications network.

123. The method...

...document. 127. The method 124 wherein the compliance report comprises a certification report regarding the agricultural product .

128. The method of claim 124 wherein the compliance report comprises an accreditation report.

129...caught, and genetically-modified organism (GMO) free requirements.

136. A system automatically to certify an agricultural product , the system including:

a comparator automatically to compare agricultural product data against compliance requirements stored by the management information system; and

a reporter automatically to generate a compliance result based on the automatic comparison of the agricultural product data against the compliance requirements. 137. The system of claim 136 wherein the reporter is to generate the compliance report by structuring the agricultural product data according to the compliance requirements.

138. The system of claim 137 wherein the compliance...

...139 wherein the relative compliance indication

indicates a level of compliance relative to a further agricultural product . 142. The system of claim 136 wherein the reporter, if the agricultural product data satisfies the compliance requirements,, is automatically to generate an affirmative compliance result.

143. The...

...result

comprises an accreditation. 146. The system of claim 136 wherein the reporter, if the agricultural product data does not satisfy the compliance requirements, is automatically to generate a negative compliance result. 147. The system of claim 136 wherein the agricultural product data includes any one of a group of information types including pre-production, production,

66...

...economic information.

148. The system of claim 136 wherein the comparator is to receive an agricultural product identifier, and automatically to compare the agricultural product data against the compliance requirements responsive to the receipt of the agricultural product identifier.

149. The system of claim 148 wherein the agricultural product identifier is received at the system via a communications network.

150. The system of claim...

...The system of claim 151 wherein the compliance report comprises a certification report regarding the agricultural product .

67

. The system of claim 151 wherein the compliance report comprises an accreditation report.

156. The system of...

...a sequence of instructions that, when

executed by a machine, cause the machine to:

receive agricultural product data relating to an agricultural product

at a management information system ;

automatically compare the agricultural product data against compliance requirements stored by the management information system; and

automatically generate a compliance result based on the automatic comparison of the agricultural product data against the compliance requirements. 164. A system for automatically certifying an agricultural product , the system

including:

first means for automatically comparing agricultural product data against compliance requirements stored by the management information system; and

second means for automatically generating a compliance result based on the automatic comparison of the agricultural product data against the compliance requirements.

165. A method of communicating agricultural product information to the user, the method comprising:

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receiving at a management information system a request for agricultural product information, the request including an agricultural product identifier;

accessing an agricultural product record, identified using the agricultural product identifier, at the management information system , the agricultural product record including agricultural product data collected along a chain of custody of the agricultural product ; and

communicating the agricultural product data responsive to the request. 166. The method of claim 165 wherein the request includes a location identifier for a unit of production of the agricultural product .

167. The method of claim 165 wherein the request is received at the management information...

...wireless network, and a cellular telephone network. 169. The method of

claim 165 wherein the agricultural product data includes any one of a group of information types including pre-production, production, environmental...

...transport, product characteristic, social and economic information.

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. The method of claim 165 wherein the agricultural product data includes

...data certifying compliance with a certification standard. 171. The method of claim 165 wherein the agricultural product data includes compliance data recording compliance with a regulatory standard. 172. The method of claim 165 wherein the agricultural product data includes accreditation data recording compliance with an accreditation standard. 173. The method of claim 165 wherein the communicating comprises generating a markup language document including the agricultural product data

and communicating the markup language document over a communications network. 174. The method of claim 165 including inputting the agricultural product identifier into a communications device for communication via the communications network to the management information...

...method of claim 176 wherein the electromagnetic input mechanism comprises a bar code reader, the agricultural product identifier comprises product code, and the inputting comprises reading the product code from a label affixed to the agricultural product . 178. The method of claim 177 wherein the product code comprises any one of a...

...of claim 177 wherein the product code is represented as a bar code. 180.

A system to communicate agricultural product information to the user, the

system comprising:

a report tool to receive a request for agricultural product information,

the request including an agricultural product identifier and to access

an agricultural product record, identified using the agricultural product identifier,, at the management information system , the agricultural product record including agricultural product data collected along a chain of custody of the agricultural product ; and a report generator to output the agricultural product data responsive to the request. 181. The system of claim 180 wherein the request includes a location identifier for a unit of production of the agricultural product .

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. The system of claim 180 wherein the request includes a location identifier for a biologically meaningful unit in which an agricultural product is produced. 183. The system of claim 182 wherein the biologically meaningful unit includes any...

...wherein the request includes a location identifier for a politically meaningful unit in which an agricultural product is produced. 185. The method of claim 184 wherein the politically meaningful unit includes any...

...wireless network, and a cellular telephone network. 188. The system of claim 180 wherein the agricultural product data includes any one of a group of information types including pre-production, production, environmental...

...transport,, product characteristic, social and economic information. 189. The system of claim 180 wherein the agricultural product data includes certification data certifying compliance with a certification standard.

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. The system of claim 180 wherein the agricultural product data includes compliance data recording compliance with a regulatory standard. 191. The system of claim 180 wherein the agricultural product data includes accreditation data recording compliance with an accreditation standard. 192. The system of claim 180 wherein the report generator is to generate a markup language document including the agricultural product data and communicating the markup language document over a communications network. 193. The system of claim 180 including a communications device to receive the agricultural product identifier for communication via a communications network to the report tool. 194. The system of...

...the communications device includes any one of electromagnetic and sound input mechanisms to receive the agricultural product identifier. 196. The system of claim 195 wherein the electromagnetic input mechanism comprises a bar code reader, the agricultural product identifier comprises product code, and the inputting comprises reading the product code from a label affixed to the agricultural product .

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. The system of claim 196 wherein the product code comprises any one of a group including a...

...instructions that, when executed by a machine, cause the machine to: receive a request for agricultural product information, the request including an agricultural product identifier; access an agricultural product record, identified using the agricultural product identifier, the agricultural product record including agricultural product data collected along a chain of custody of the agricultural product ; and communicate the agricultural product data responsive to the request. 200. A system to communicate agricultural product information to the user, the system comprising:

first means for receiving a request for agricultural product information, the request including an agricultural product identifier and for accessing an agricultural product record, identified using the

agricultural product identifier, at the management information system , the agricultural product record including agricultural

75

product data collected along a chain of custody of the agricultural product ; and

second means for outputting the agricultural product data responsive

to the request.

76

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## ABSTRACT FILES

File 2:INSPEC 1898-2008/Mar W4  
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File 35:Dissertation Abs Online 1861-2008/Nov  
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File 65:Inside Conferences 1993-2008/Apr 23  
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File 99:Wilson Appl. Sci & Tech Abs 1983-2008/Mar  
(c) 2008 The HW Wilson Co.  
File 474:New York Times Abs 1969-2008/Apr 24  
(c) 2008 The New York Times  
File 475:Wall Street Journal Abs 1973-2008/Apr 23  
(c) 2008 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

Set	Items	Description
S1	26013	(AGRICULTUR? OR AGRONOMIC)(3N)(SYSTEM OR SYSTEMS OR PRODUCT OR PRODUCTS OR PRODUCTION)
S2	6896	FOOD(5N)PRODUCTION
S3	89943	CROP OR CROPS OR CROPPING OR LIVESTOCK?
S4	76569	FARM OR FARMS OR FARMING
S5	228	(S1:S4)(5N)(DB OR DATABASE? OR DATAFILE? OR DATA() (FILE?? - OR BASE??))
S6	4188	(COMPLIANC? OR COMPLIANT?)(5N)(REQUIREMENT OR REQUIREMENTS OR RULE OR RULES OR REGULATION OR REGULATIONS)
S7	146	S6(5N)(COMPARI? OR COMPARE? OR EVALUAT? OR ASSESS?)
S8	222	S6(5N)(VERIF? OR MEETS OR MEETING OR IDENTIF? OR DETERMIN?)
S9	14267	(GENERAT? OR CREAT?)(5N)(REPORT OR REPORTS OR CHART OR CHARTS OR GRAPH OR GRAPHS)
S10	571	AU=(DLOTT, J? OR DLOTT J? OR ROSENBERG, H? OR ROSENBERG H? OR OHMART, C? OR OHMART, C? OR CONNOLLY, R? OR CONNOLLY R? OR JEFFREY(2N)DLOTT OR HARRY(2N)ROSENBERG OR CLIFFORD(2N)OHMART - OR REBECCA(2N)CONNOLLY)
S11	0	S5 AND (S7 OR S8)
S12	2	S5 AND S9
S13	1	S10 AND S1

?

12/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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08774349 INSPEC Abstract Number: C2003-12-7860-011

Title: Agricultural chemicals use data access using COLDFUSION Markup Language and a relational database

Author(s): Yulu Xia; Stinner, R.E.; Brinkman, D.; Bennett, N.

Author Affiliation: North Carolina State Univ., Raleigh, NC, USA

Journal: Computers and Electronics in Agriculture vol.38, no.3 p. 217-25

Publisher: Elsevier,  
Publication Date: March 2003 Country of Publication: Netherlands  
CODEN: CEAGE6 ISSN: 0168-1699  
SICI: 0168-1699(200303)38:3L;217:ACDA;1-B  
Material Identity Number: K849-2003-004  
U.S. Copyright Clearance Center Code: 0168-1699/03/\$30.00  
DOI: 10.1016/S0168-1699(03)00003-6  
Language: English  
Subfile: C  
Copyright 2003, IEE

...Abstract: <http://www.pestmanagement.info/nass>. Users can obtain information about agricultural chemical use in the database by search of crop, year, region, and active ingredient. Various agricultural chemical usage statistics are provided as Web tables, dynamically generated US maps, charts and graphs, and downloadable Excel files. We used a centralized software architecture in this project, which is...

12/3,K/2 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
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03388032 INSPEC Abstract Number: C85011655, D85000371  
Title: Hows and whys of crop production records  
Journal: AgriComp vol.3, no.2 p.15-17  
Publication Date: Sept.-Oct. 1984 Country of Publication: USA  
CODEN: AGRCE3 ISSN: 0738-5978  
Language: English  
Subfile: C D

Abstract: In crop record keeping software a good database management program will (if your set up the database's fields correctly) let you look ...

... on certain, pre-defined groups of items. However if you're allowed some method of creating reports to suit your own needs, then you'll be able to more fully utilize your...  
?

13/3,K/1 (Item 1 from file: 65)  
DIALOG(R)File 65:Inside Conferences  
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05694537 INSIDE CONFERENCE ITEM ID: CN059024691  
Start-up of a novel reed bed system for agricultural wastewater treatment  
Zhao, Y. Q.; Connolly, R. ; Sun, G.; Allen, S. J.  
CONFERENCE: International conference on modelling, measuring and prediction of water pollution; Water pollution VII-7th (International series on progress in water resources)  
INTERNATIONAL SERIES ON PROGRESS IN WATER RESOURCES, 2003; VOL 9 P: 303-312  
Southampton:, WIT,, c2003  
ISSN: 1461-6513 ISBN: 1853129763  
LANGUAGE: English DOCUMENT TYPE: Conference Papers  
CONFERENCE EDITOR(S): Brebbia, C. A.; Almorza Gomar, D.; Sales, D.

CONFERENCE LOCATION: Cadiz, Spain 2003 (2003)

NOTE:

Includes bibliographical references and index

Start-up of a novel reed bed system for agricultural wastewater treatment

Zhao, Y. Q.; Connolly, R. ; Sun, G.; Allen, S. J.

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## FULL TEXT FILES

File 20:Dialog Global Reporter 1997-2008/Apr 24  
(c) 2008 Dialog  
File 15:ABI/Inform(R) 1971-2008/Apr 24  
(c) 2008 ProQuest Info&Learning  
File 610:Business Wire 1999-2008/Apr 24  
(c) 2008 Business Wire.  
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(c) 1999 Business Wire  
File 613:PR Newswire 1999-2008/Apr 24  
(c) 2008 PR Newswire Association Inc  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 634:San Jose Mercury Jun 1985-2008/Apr 20  
(c) 2008 San Jose Mercury News  
File 624:McGraw-Hill Publications 1985-2008/Apr 24  
(c) 2008 McGraw-Hill Co. Inc  
File 9:Business & Industry(R) Jul/1994-2008/Apr 22  
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File 275:Gale Group Computer DB(TM) 1983-2008/Apr 17  
(c) 2008 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2008/Apr 07  
(c) 2008 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2008/Apr 21  
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File 16:Gale Group PROMT(R) 1990-2008/Apr 18  
(c) 2008 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2008/Apr 07  
(c)2008 The Gale Group

Set	Items	Description
S1	520000	(AGRICULTUR? OR AGRONOMIC)(3N)(SYSTEM OR SYSTEMS OR PRODUCT OR PRODUCTS OR PRODUCTION)
S2	115020	FOOD(5N)PRODUCTION
S3	1208310	CROP OR CROPS OR CROPPING OR LIVESTOCK?
S4	1893480	FARM OR FARMS OR FARMING
S5	2410	(S1:S4)(5N)(DB OR DATABASE? OR DATAFILE? OR DATA)(FILE?? - OR BASE??)
S6	345975	(COMPLIANC? OR COMPLIANT?)(5N)(REQUIREMENT OR REQUIREMENTS OR RULE OR RULES OR REGULATION OR REGULATIONS)
S7	4606	S6(5N)(COMPARI? OR COMPARE? OR EVALUAT? OR ASSESS?)
S8	14970	S6(5N)(VERIF? OR MEETS OR MEETING OR IDENTIF? OR DETERMIN?)



S9 324243 (GENERAT? OR CREAT?)(5N)(REPORT OR REPORTS OR CHART OR CHARTS OR GRAPH OR GRAPHS)  
 S10 1024 AU=(DLOTT, J? OR DLOTT J? OR ROSENBERG, H? OR ROSENBERG H? OR OHMART, C? OR OHMART, C? OR CONNOLLY, R? OR CONNOLLY R? OR JEFFREY(2N)DLOTT OR HARRY(2N)ROSENBERG OR CLIFFORD(2N)OHMART - OR REBECCA(2N)CONNOLLY)  
 S11 0 S5(5N)(S7 OR S8)  
 S12 0 S5(5N)S9  
 S13 0 S5(5N)S6  
 S14 8 S10 AND S1  
 S15 7 RD (unique items)  
 S16 0 S5 AND (S7 OR S8)  
 ?

15/3,K/1 (Item 1 from file: 15)  
 DIALOG(R)File 15:ABI/Inform(R)  
 (c) 2008 ProQuest Info&Learning. All rts. reserv.

00210263 83-21824  
 PIK: Sending the Wrong Signal?  
 Rosenberg, Hilary  
 Financial World v152n14 PP: 23-26 Aug 15, 1983  
 ISSN: 0015-2064 JRNL CODE: TWO

Rosenberg, Hilary

...DESCRIPTORS: Agricultural production ;

15/3,K/2 (Item 1 from file: 148)  
 DIALOG(R)File 148:Gale Group Trade & Industry DB  
 (c)2008 The Gale Group. All rts. reserv.

0023056487 SUPPLIER NUMBER: 172293088 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
 Lessons from down under.(Vineyard View)  
 Ohmart, Cliff  
 Wines & Vines, 88, 11, 116(3)  
 Nov, 2007  
 ISSN: 0043-583X LANGUAGE: English RECORD TYPE: Fulltext  
 WORD COUNT: 1637 LINE COUNT: 00129

Ohmart, Cliff  
 ... of southeastern Australia.  
 It turns out that over the last several decades, water from this system for agriculture as well as for city use has been over allocated by up to 20% of...  
 ...marketing.  
 I left Australia convinced more than ever that the U.S. has the best agriculture outreach and extension system of any Western country with which I am familiar. That said however, as many of...

15/3,K/3 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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0022016681 SUPPLIER NUMBER: 161271421 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
The commodification of the winegrape.(vineyard views)(Editorial)  
Ohmart, Cliff  
Wines & Vines, 88, 3, 49(3)  
March, 2007  
DOCUMENT TYPE: Editorial ISSN: 0043-583X LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 1536 LINE COUNT: 00114

Ohmart, Cliff  
... tell you that success is all about marketing, marketing, marketing.  
If you look at any agricultural product grown in the U.S. that  
has suffered from global competition or commodification, you will...

15/3,K/4 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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0019206506 SUPPLIER NUMBER: 141998710 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Vineyard views.  
Ohmart, Cliff  
Wines & Vines, 87, 1, 117(5)  
Jan, 2006  
ISSN: 0043-583X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1801 LINE COUNT: 00154

Ohmart, Cliff  
... all valid concerns. For example, many national and multinational  
corporations that buy large amounts of agricultural products , such as  
Sysco and Unilever, are beginning to require that the processors they buy  
from...

15/3,K/5 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2008 The Gale Group. All rts. reserv.

0017722725 SUPPLIER NUMBER: 126159812 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Vineyard views.(sustainable viticulture)  
Ohmart, Cliff  
Wines & Vines, 85, 11, 20(4)  
Nov, 2004  
ISSN: 0043-583X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1980 LINE COUNT: 00169

Ohmart, Cliff  
... or fiber as being "organic." These practices are certified by the  
U.S. Department of Agriculture .

An equivalent national system does not exist for sustainable farming. It is therefore tricky to compare practices of the...

15/3,K/6 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2008 The Gale Group. All rts. reserv.

11448671 SUPPLIER NUMBER: 56946202 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Vineyard views.(includes related article on the 1999 Sonoma Valley Harvest  
Wine Auction)(issues surrounding EPA's implementation of the Food Quality  
Protection Act)  
Ohmart, Cliff  
Wines & Vines, 80, 10, 29(4)  
Oct, 1999  
ISSN: 0043-583X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1925 LINE COUNT: 00153

Ohmart, Cliff  
... second issue is that some aspects of FQPA implementation are a  
distraction to developing sustainable agriculture (and viticulture)  
systems .  
What is FQPA?  
EPA regulates pesticides under two major federal statutes - the  
Federal Insecticide, Fungicide...

15/3,K/7 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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02180249 SUPPLIER NUMBER: 03532680 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Flat markets and intense competition; that's what's causing hard times for  
commodities brokers. The comeback may not be for a while.  
Rosenberg, Hilary  
Financial World, v153, p24(3)  
Nov 28, 1984  
CODEN: FIWOA ISSN: 0015-2064 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 1968 LINE COUNT: 00158

Rosenberg, Hilary  
... Heinold, one of the nation's largest futures brokers, which has  
concentrated its business in agricultural products, have been pushing  
financial futures now that their mainstay markets are slack. Banks have  
also...  
?

AGRI FILES

File 256:TecInfoSource 82-2008/Dec  
(c) 2008 Info.Sources Inc  
File 989:NewsRoom Alert Apr 24  
(c) 2008 Dialog  
File 990:NewsRoom Current Jan 01-2008/Apr 23  
(c) 2008 Dialog  
File 991:NewsRoom 2007 Jan 1-2007/Dec 31  
(c) 2008 Dialog  
File 992:NewsRoom 2006  
(c) 2008 Dialog  
File 993:NewsRoom 2005  
(c) 2008 Dialog  
File 994:NewsRoom 2004  
(c) 2008 Dialog  
File 995:NewsRoom 2003  
(c) 2008 Dialog  
File 996:NewsRoom 2000-2002  
(c) 2008 Dialog

Set	Items	Description
S1	411220	(AGRICULTUR? OR AGRONOMIC)(3N)(SYSTEM OR SYSTEMS OR PRODUCT OR PRODUCTS OR PRODUCTION)
S2	144543	FOOD(5N)PRODUCTION
S3	2219244	CROP OR CROPS OR CROPPING OR LIVESTOCK?
S4	3400168	FARM OR FARMS OR FARMING
S5	2882	(S1:S4)(5N)(DB OR DATABASE? OR DATAFILE? OR DATA() (FILE?? - OR BASE??))
S6	392188	(COMPLIANC? OR COMPLIANT?)(5N)(REQUIREMENT OR REQUIREMENTS OR RULE OR RULES OR REGULATION OR REGULATIONS)
S7	7642	S6(5N)(COMPARI? OR COMPARE? OR EVALUAT? OR ASSESS?)
S8	23560	S6(5N)(VERIF? OR MEETS OR MEETING OR IDENTIF? OR DETERMIN?)
S9	216004	(GENERAT? OR CREAT?)(5N)(REPORT OR REPORTS OR CHART OR CHARTS OR GRAPH OR GRAPHS)
S10	6	AU=(DLOTT, J? OR DLOTT J? OR ROSENBERG, H? OR ROSENBERG H? OR OHMART, C? OR OHMART, C? OR CONNOLLY, R? OR CONNOLLY R? OR JEFFREY(2N)DLOTT OR HARRY(2N)ROSENBERG OR CLIFFORD(2N)OHMART - OR REBECCA(2N)CONNOLLY)
S11	31	S5 AND (S7 OR S8)
S12	21	S11 AND S9
S13	9	RD (unique items)
S14	0	S10 AND S1
S15	0	S10 AND S4
		?

DIALOG(R)File 990:NewsRoom Current  
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1533132885 17XU41SN

Title 78 Recodification and Revision

LegAlert (Full Text)

Thursday, February 7, 2008

JOURNAL CODE: KBJH LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Trade Journal ISSN: N/A

WORD COUNT: 467,338

...owner a copy of a booklet or other materials  
provided by the property  
rights ombudsman, created under Section 13-43-201 , dealing with the  
property owner's rights  
in an eminent...fee.

(4) (a) A local district may:

(i) acquire, lease, or construct and operate electrical generation ,  
transmission, and  
distribution facilities, if:

(A) the purpose of the facilities is to harness energy...exploitation  
of a disabled or elder  
adult by accessing in accordance with Subsection (5) the database created  
in  
Section  
62A-3-311.1 if identification as a possible perpetrator of disabled...  
Services with respect to:

(i) accessing the Licensing Information System, the court records, and the  
database ;

(ii) maintaining strict security; and

(iii) the criminal provisions in Section 62A-4a-412 for...or parent-time  
schedules, but the expressed  
desires are not  
controlling and the court may determine the children's custody or  
parent-time otherwise. The  
desires of a child 16 years...

13/3,K/2 (Item 1 from file: 991)  
DIALOG(R)File 991:NewsRoom 2007  
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1504114573 17W03HWE

Farm Bill Extension Act of 2007

LegAlert (Full Text)

Friday, December 14, 2007

JOURNAL CODE: KBJH LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Trade Journal ISSN: N/A

WORD COUNT: 306,156

...program for insular area institutions of higher education.

Sec. 7037. Farm management training and public farm benchmarking database .

Sec. 7038. Tropical and subtropical agricultural research.

Sec. 7039. Regional centers of excellence.

Sec. 7040...that designated oilseed, camelina,  
or pulse crop, the Secretary shall assign a yield for that crop  
year  
equal to 75 percent of the county yield for the purpose of  
determining the...involves the noncultivation of any portion of the  
land  
referred to in subparagraph (D).

(2) COMPLIANCE - The Secretary may issue such rules as the  
Secretary  
considers necessary to ensure producer compliance with the  
requirements of paragraph (1)...the Federal Agriculture Improvement  
and Reform Act of 1996 (7 U.S.C.  
7286).

(d) Compliance With Conservation and Wetlands Requirements - As a  
condition of the receipt of a marketing assistance loan under  
subsection

(a), the...of  
the Secretary designating additional oilseeds.

(2) SPECIAL CONSERVATION RESERVE ACREAGE PAYMENT RULES- For the  
crop  
year in which a base acres for peanuts adjustment under paragraph  
(1) is first made, the owner of the farm...the Secretary shall  
require producers on a farm to submit  
to the Secretary annual acreage reports with respect to all  
cropland  
on the farm.

(2) PENALTIES- No penalty with respect to...involves the  
noncultivation of any portion of the land  
referred to in subparagraph (D).

(2) COMPLIANCE - The Secretary may issue such rules as the  
Secretary  
considers necessary to ensure producer compliance with the  
requirements of paragraph (1)...reported to the Secretary.

`(d) Prohibitions-

`(1) IN GENERAL- During all or part of any crop year for which  
marketing allotments have been established, no processor of sugar  
beets or sugarcane...GENERAL- The Secretary shall establish the  
overall quantity  
of sugar to be allotted for the crop year (referred to in this  
part

as the `overall allotment quantity') at a level that...section 808 of title 5, United States Code.

(d) Adjustment Authority Related to Trade Agreements Compliance -

(1) REQUIRED DETERMINATION ; ADJUSTMENT- If the Secretary determines that expenditures under subtitles A through D and this subtitle that are subject to the...sibling, or spouse.

`(3) LEGAL ENTITY- The term `legal entity' means an entity that is created under Federal or State law and that--

`(A) owns land or an agricultural commodity; or...Corporation of premium discounts offered by approved insurance providers, including--

`(aa) whether the savings were generated from verifiable cost efficiencies adequate to offset the cost of discounts paid; and  
`(bb) whether...wide market analysis or survey.

`(iii) An amount not less than the value of the agricultural or otherwise undeveloped raw land based on the Uniform Standards of Professional Appraisal Practice.

`(B) The amount corresponding to a geographical...

...or Indian tribe to carry out a special wetlands reserve enhancement program that the Secretary determines would advance the purposes of this subchapter.

`(2) RESERVED RIGHTS- Under the wetlands reserve enhancement...

13/3,K/3 (Item 2 from file: 991)  
DIALOG(R)File 991:NewsRoom 2007  
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1482618295 17UP3MJQ

An original bill to provide for the continuation of agricultural programs through fiscal year 2012, and for other purposes.

LegAlert (Full Text)

Friday, November 2, 2007

JOURNAL CODE: KBJH LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Trade Journal ISSN: N/A

WORD COUNT: 215,771

...Act of 1936

Sec. 6101. Energy efficiency programs.

Sec. 6102. Loans and grants for electric generation and

transmission.

Sec. 6103. Fees for electrification baseload generation loan guarantees.

Sec. 6104. Deferment of payments to allow loans for improved energy efficiency and...program for insular area institutions of higher education.

Sec. 7035. Farm management training and public farm benchmarking database .

Sec. 7036. Tropical and subtropical agricultural research.

Sec. 7037. Regional centers of excellence.

Sec. 7038...PRODUCER AGREEMENT REQUIRED AS CONDITION OF PROVISION OF DIRECT PAYMENTS AND COUNTER-CYCLICAL PAYMENTS.

(a) Compliance With Certain Requirements -

(1) REQUIREMENTS - Before the producers on a farm may receive direct payments or counter-cyclical payments with...2) establish a single national average loan rate for corn and grain sorghum; and

(3) determine each county loan rate and the national average loan rate for corn and grain sorghum...2); and

(4) 90 percent.

(f) Recourse Loans- For each of the 2010 through 2012 crops of a covered commodity or peanuts, the Secretary shall make available to producers on a...and

(ii) by striking `additional'.

SEC. 1906. TIME FOR PAYMENT.

Section 508 of the Federal Crop Insurance Act (7 U.S.C. 1508) is amended--

(1) in subsection (d), by adding...program, as determined by the Secretary;

`(5) supply information as required by the Secretary to determine compliance with the contract and requirements of the program; and

`(6) comply with such additional provisions as the Secretary determines are...



13/3,K/4 (Item 3 from file: 991)  
DIALOG(R)File 991:NewsRoom 2007  
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1444619756 17S93NYC  
FIRST 2007 GENERAL REVISORY  
LegAlert (Full Text)  
Tuesday, August 21, 2007  
JOURNAL CODE: KBJH LANGUAGE: English RECORD TYPE: Fulltext  
DOCUMENT TYPE: Trade Journal ISSN: N/A  
WORD COUNT: 608,186

...Code of Corrections or by the Interstate [Added: Commission]  
[Deleted: Commision] for Adult Offender Supervision created under the  
Interstate Compact for Adult Offender Supervision.  
(5 ILCS 100/1-20) (from Ch...formulary under Section  
3.14 of the Illinois Food, Drug and Cosmetic Act, (ii)  
emergency rules adopted by the Pollution Control Board before  
July 1, 1997 to implement portions of the...

...for the expeditious and timely  
implementation of the State's fiscal year 2001 budget,  
emergency rules to implement any provision of this amendatory  
Act of the 91st General Assembly or any...iv) each full-time employee  
in the service of a qualified child advocacy center, as  
determined according to rules promulgated by the Director.  
(l) "Member" means an employee, annuitant, retired  
employee or survivor.  
(m...

...Pension Code.  
(q-4) "TRS" means the Teachers' Retirement System of the  
State of Illinois, created under Article 16 of the Illinois  
Pension Code.  
(q-5) "New SERS survivor" means a...is a change in status that would  
confer new eligibility  
for change of enrollment under rules established supplementing  
this Act, in which event application must be made within the  
new eligibility...within the Office of the Secretary of  
State except as needed for the purpose of evaluating the  
application. The only physical identity materials which the  
applicant or prospective employee can be...1605/20) (from Ch. 120, par.  
1170)

Sec. 20. State Lottery Fund.  
(a) There is created in the State Treasury a special fund  
to be known as the "State Lottery Fund...and Family Services (formerly]  
Illinois Department of Public Aid[Added: ]) or if the person is  
determined by the court to be in compliance with the  
Non-Support Punishment Act. The Department may implement  
this paragraph as added by...submission of an annual report on  
programs and services provided under this Section. Such joint  
report shall be filed with the Governor and the General  
Assembly on or before March 30...

13/3,K/5 (Item 4 from file: 991)  
DIALOG(R)File 991:NewsRoom 2007  
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1382605249 17NF36T0  
Omnibus health and human services appropriations  
LegAlert  
Monday, April 23, 2007  
JOURNAL CODE: GDGD LANGUAGE: English RECORD TYPE: Fulltext  
DOCUMENT TYPE: Trade Journal ISSN: N/A  
WORD COUNT: 226,250

...resides or a county where the provider has resided or by  
the statewide  
adult protection database as the person responsible for abuse or neglect  
of  
a vulnerable  
adult within the last...designated under section 119B.19, subdivision 1a,  
may award child care  
services grants  
for:  
(1) creating new licensed child care facilities and expanding existing  
facilities,  
including, but not limited to, supplies...classroom instruction];  
(4) interim financing;  
(5) capacity building through the purchase of appropriate technology to  
create ,  
enhance, and maintain business management systems;  
(6) emergency assistance for child care programs;  
(7) new...in unsubsidized employment  
during the  
past 12 months. The purpose of the review is to determine the need for  
additional services  
and supports, including placement in subsidized employment or unpaid work  
...

13/3,K/6 (Item 5 from file: 991)  
DIALOG(R)File 991:NewsRoom 2007  
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1363121124 17M63Q93  
Special and Local Districts Amendments  
LegAlert  
Friday, March 16, 2007  
JOURNAL CODE: GDGD LANGUAGE: English RECORD TYPE: Fulltext  
DOCUMENT TYPE: Trade Journal ISSN: N/A  
WORD COUNT: 241,901

...be in writing;]

[Added: (b) be signed by all the owners of property to be assessed  
within the  
assessment area;]

[Added: (c) describe the prepayment period, procedure, or contest period

being  
waived;]

[Added: (d...of service, material, or form of construction that the local  
entity's governing body]

[Added: determines in compliance with any applicable local entity  
ordinances.]

[Added: (2) A local entity may:]

[Added: (a) divide...of resolution or ordinance -- Notice of  
assessment  
interest.

[Added: (1) (a) After receiving a final report from a board of  
equalization under  
Subsection]

[Added: 11-42-403 (5) or, if applicable...prepayment]

[Added: period under Subsection 11-42-411 (6) has passed, file a notice of  
assessment interest with the]

[Added: recorder of the county in which the assessed property is located...

Added: (5) (a) The remedies provided for in this part for the collection of  
an

assessment and the]

[Added: enforcement of an assessment lien are cumulative.]

[Added: (b) The use of one or more of the remedies provided...products when  
more than 50% of the processed or  
merchandised  
products are produced by the farm operator.

(3) "Agriculture protection area" means a geographic area created under the  
authority  
of this...

...expectation of profit, including:

(i) forages and sod crops;

(ii) grains and feed crops;

(iii) livestock as defined in Subsection [Deleted: (26)] [Added:  
(27)](d);

(iv) trees and fruits; or

(v...

13/3,K/7 (Item 1 from file: 993)  
DIALOG(R)File 993:NewsRoom 2005  
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1103079877 172Y2G04  
Semi-annual agenda 64307-64392andnbsp;[05-18777]  
RegAlert

Monday, October 31, 2005  
JOURNAL CODE: GDGC LANGUAGE: English RECORD TYPE: Fulltext  
DOCUMENT TYPE: Trade Journal ISSN: N/A  
WORD COUNT: 56,184

TEXT:  
...Administrative Provisions..... 0524-AA28  
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[[Page 64312]]  
Rural Housing Service--Proposed Rule  
Stage  
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Regulation Sequence Identifier Number Number	Title
253	Civil Rights Compliance Requirements --1901-E to 1940-D..... 0575-AA83
254	National Flood Insurance Regulations..... 0575-AC07
255...	

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13/3,K/8 (Item 2 from file: 993)  
DIALOG(R)File 993:NewsRoom 2005  
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1081581548 171M2HNC  
Stationary Source Permitting and Air Pollution Emission Notice Requirements  
RegAlert  
Monday, September 19, 2005  
JOURNAL CODE: GDGC LANGUAGE: English RECORD TYPE: Fulltext  
DOCUMENT TYPE: Trade Journal ISSN: N/A  
WORD COUNT: 147,560

...used to indicate danger to the public.

II.D.1.g.Agricultural operations such as farming , cultivating,  
harvesting,  
seasonal crop drying, grain handling operations that are below New Source  
Performance Standards de minimis levels (including...area, to meet the  
requirements of section V.A.3.  
of Part D of this regulation , regarding the maintenance of reasonable  
further progress towards attainment of the National Ambient Air Quality...  
of the division to identify all requirements and  
information does not exempt the source from compliance with applicable  
requirements or these regulations .  
III.B. Application for operating permit and combined construction/operating  
permit applications

III.B.1...

...that will

be revised, supplemented, or deleted, incorporating the remaining permit terms by reference. All requirements for compliance plans, compliance schedules and compliance certifications found in sections III.B.7., III.B.8., and III...

...a certification of compliance with all applicable requirements; (b) a statement of methods used for determining compliance, including a description of monitoring, record keeping, and reporting requirements and test methods; (c) a...

...of the permit; (d)

a statement indicating the source's compliance status with any applicable compliance assurance monitoring and compliance certification requirements;

(e) if applicable to a source, a statement indicating the source has properly registered its...and

III.C.4.b. Description of, or reference to, any applicable test method for determining compliance with each applicable requirement.

III.C.5. Other specific information that may be necessary to implement and enforce other...of the initial approval construction permit, the operating permit must contain a compliance plan and compliance schedule that

meets the requirements of this Part C, sections III.C.8., III.C.9., and III.C.10...determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the

permit. Upon request, the permittee shall also furnish to the division copies of...was continuous or intermittent;

V.C.16.e.(iii)(D) The method(s) used for determining the compliance status

of the source, currently and over the reporting period, consistent with sections V.C...project, and

VI.B.5.a.(iii) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including the...

...preconstruction projection as documented and maintained pursuant to section

VI.B.5.a.(iii). Such report shall be submitted to the division within sixty

days after the end of such year. The report shall contain the following:

VI.B.5.e.(i) The name, address and telephone number...

13/3,K/9 (Item 3 from file: 993)  
DIALOG(R)File 993:NewsRoom 2005  
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1050111756 16ZN3F4C

Crop insurance regulations: General administrative regulations; policies

submission policies provisions premium rates and premium reduction plans  
RegAlert  
Wednesday, July 20, 2005  
JOURNAL CODE: GDGC LANGUAGE: English RECORD TYPE: Fulltext  
DOCUMENT TYPE: Trade Journal  
WORD COUNT: 119,453

TEXT:

...to  
determine the amount of premium discounts allowed in the state in order  
to ensure compliance with the  
[[Page 41827]]  
corresponding requirement in section 508(e)(3) of the Act. RMA agrees  
that marketing should be limited...implement the  
intent of Congress to permit approved insurance providers to compete on  
price by evaluating their own business operations to determine whether  
they can deliver the program more efficiently. It...to determine whether  
unfair discrimination is occurring.  
This information is currently contained in RMA's databases and would  
require no more sophisticated auditing than currently done by RMA when  
it...with  
the requirements of the Act. Based on the nature of the premium  
reduction plan, compliance requires that RMA be able to verify  
expenses. By structuring the interim rule so that existing  
documentation is used to determine efficiencies...Expense  
Exhibits be audited and certified by a certified public accountant  
experienced in insurance to verify the reported costs and compliance  
with the requirements of the SRA.

Since premium discounts will be based on the actual costs and the...  
years ago, the FCIC  
Board directed that RMA receive from Crop1 weekly narrative and  
statistical reports, more detailed quarterly reports and ...that  
confirm that Crop1 conducts training activities for  
agents and loss adjusters that are in compliance with the requirements  
of the SRA and Appendix IV.

Comment: Several agents commented that the premium reduction plan...  
?